

FORM PTO-1449 U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO.		SERIAL NO.	
				U 013757-2		10/009,016	
				APPLICANT			
				Heikki HYOTY, et al			
				FILING DATE		GROUP	
March 12, 2002		1645					
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME		FILING DATE IF APPROPRIATE	
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OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)							
MM	AR	EPI NEWS: COVERAGE OF THE CHILDHOOD VACCINATION PROGRAMME, 1998-2001: No. 15, 2002: 10 April 2002					
	AS						
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EXAMINER			DATE CONSIDERED				
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MM	AP	Screening of organ donors for anti-islets antibodies and characterization of pancreatic histology in an antibody positive subject. Giannani, Dotta, Di Mario, Scipioni, Grassetti, Liggins, Yu, Eisenbarth. Immunology of Diabetes Society Conference. Cambridge England March 28-31 2004
	AQ	Human Beta-Cell Specific Enteroviral Infection Impairs insulin secretion and upregulates islet chemokine and fas expression. Grassetti, Scipioni, Del Guerra, Lettieri, Sbrana, Mario, Marchetti, Dotta. Immunology of diabetes society conference. Cambridge England March 28-31 2004
	AR	Demonstration of enterovirus infection in islets of two patients with type 1 diabetes. Dotta, Santangelo, Marselli, Dionisi, Scipioni, Masini, van Halteren, Del Prato, Di Mario, Roep, Marchetti. Diabetes/Metabolism Research and Reviews. November-December 2002
	AS	Enterovirus infection in human pancreatic islet cells, islet tropism in vivo and receptor involvement in cultured islet beta cells. Ylipaasto, Klingel, Lindberg, Otonkoski, Kandolf, Hovi, Riovainen. Diabetologia (2004)
	AT	Virus-induced diabetes mellitus. Yoon, Austin, Onodera, Notkins. Vol. 300 NO. 21 Laboratory of Oral Medicine. <i>New England J. Medicine</i> 300(21): 1173-1179 1979
	AU	Human beta cell specific enteroviral infection induces pro-apoptotic changes as evidenced by microarray gene expression profiling. Grassetti, Scipioni, Lupi, Del Prato, Marchetti, Dotta. Diabetologia Volume 47, article 488 page A179 2004

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MM	BL	Characterization of the T-Cell response to Cocksackievirus B4. Evidence that effector memory cells predominate in patients with Type 1 diabetes. Varela-Calvino, Ellis, Sgarbi, Dayan, Peakman. Diabetes, vol. 51, June 2002					
	BM	Prediction and prevention of Type 1 diabetes mellitus. PS 30., Schlosser, Mentel Moya-Suri, Wassmuth, Gurtler, Moritz, Greifswald, Arndt. Diabetologia, vol 47 supplement 1, A, 183					
	BN	Enterovirus infections are associated with the induction of β -Cell autoimmunity in a prospective birth cohort study. Salminen, Sadeharju, Lonnrot, Vahasalo, Kupila, Korhonen, Ilonen, Simell, Knip, Hyoty. Journal of Medical Virology 69:91-98 (2003)					
	BO	Enterovirus infections as a risk factor for type 1 diabetes: virus analyses in a dietary intervention trial. Sadeharju, Hamalainen, Knip, Lonnrot, Koskela, Virtanen, Ilonen, Akerblom, Hyoty. Clin. Exp. Immunol 2003; 132: 271-277					
	BP	Enterovirus antibody levels during the first two years of life in prediabetic autoantibody-positive children. Sadeharju, Lonnrot, Kimpinaki, Savola, Erkkila, Kalliokoski, Savolainen, koskela, Ilonen, Simell, Knip, Hyoty. Diabetologia (2001) 44: 818-823					
	BQ	Enterovirus RNA in Serum is a risk factor for beta-cell automimmunity and clinical Type 1 diabetes: A prospective study. Lonnrot, Salminen, Knip, Savola, Kulmala, Leinikki, Hyypia, Akerblom, Hyoty. Juomal of Medical Virology 61:214-220 (2000)					
	BR	T-Cell responses to enterovirus antigens in children with Type 1 diabetes. Juhela, Hyoty, Roivainen, Harkonen, Putto-Laurila, Simell, Ilonen. Diabetes, vol. 49, August 2000 pgs 1308-1313					
	BS	Islet cell antibody seroconversion in children is temporally associated with enterovirus infections. Hiltunen, Hyoty, Knip, Ilonen, Reijonen, Vahasalo, Roivainen, Lonnrot, Leinikki, Hovi, Akerblom. The Journal of Infectious Diseases 1997; 175:554-60					
✓	BT	A prospective study of the role of coxsackie B and other enterovirus infections in the pathogenesis of IDDM. Hyoty, Hirunen, Knip, Laakkonen, Vahasalo, Karjalainen, Koskela, Roivainen, Leinikki, Hovi, Akerblom. Diabetes, vol. 44, June 1995 pgs 652-657					
EXAMINER				DATE CONSIDERED			
EXAMINER:				2-8-05			
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MM	BU	Detection of enterovirus RNA sequences in serum samples from autoantibody-positive subjects at risk for diabetes. Coutant, Palmer, Carel, Cantero-Aguilar, Lebon, Bougneres. 2002 Diabetes UK Diabetic Medicine, 19 966-971.
J	BV	Echovirus 4 and Type 1 diabetes mellitus. Diaz-Horta, Bello, Cabrera-Rode, Suarez, mas, Garcia, Abalos, Jofra, Molina, Diaz-Diaz, Di Mario. Autoimmunity Vol. 34 pp. 275-281 2001
✓	BW	Type 1 diabetes islet associated antibodies in subjects infected by echovirus 16. Cabrera-Rode, Samuiento, Tiberti, Molina, Barrios, Hernandez, Diaz-Horta, Di Mario. Diabetologia (2003) 46: 1348-1353.

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MM	AA	5	7	2	3	2	8	3	03/1998	G.J. BARTHELOW	435	4		
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MM	AP	HILTUNEN M ET AL: "IMMUNISATION AND TYPE 1 DIABETES MELLITUS" DURG SAFETY; VOL., 20. NO. 3; 1999; PAGES 207-212.
	AQ	FOHLMAN J ET AL: "VACCINATION OF BALB,C MICE AGAINST ENTEROVIRAL MEDIATED MIOCARDITIS"; VACCINE; VOL., 8, AUGUST 1990; PAGES 381-384
	AR	DATABASE DIALOG INF. SERV. MEDLINE [ONLINE] CLEMENTS G B ET AL: "COXACKIE B VIRUS INFECTION AND ONSET... COMMNETS"; RETRIEVE ...MEDICINE; FILE 155, ACCESSION NO. 08341526
	AS	JUHELA S ET AL: "ENTEROVIRUS INFECTIONS AND ENTEROVIRUS SPECIFIC T-CELL RESPONSES IN INFANCY"; J.MED. VIROLOGY; VOL., 54; 1998; PAGES 226-232

EXAMINER	DATE CONSIDERED
MM	6-12-04

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